



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

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November 4, 2015

VIA FIRST CLASS MAIL AND ELECTRONIC MAIL:

Luly E. Massaro
Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, Rhode Island 02888

RE: Review of the Narragansett Electric Co. d/b/a National Grid
Rate Design Pursuant to RIGL § 39-26.6-24 [Docket No. 4568]

Dear Ms. Massaro:

Enclosed for filing on behalf of the Rhode Island Office of Energy Resources ("OER") is an original and ten (10) copies of OER's Fourth Set of Data Requests directed to Narragansett Electric Company D/B/A National Grid.

Sincerely,

Daniel W. Majcher, Esq.

DWM/njr

Enclosure

c. Docket 4568 Service List

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: Review of the Narragansett
Electric Co. d/b/a National Grid
Rate Design Pursuant to RIGL § 39-26.6-24

Docket No. 4568

OFFICE OF ENERGY RESOURCES
DATA REQUESTS (FOURTH SET) DIRECTED TO
NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID
Issued November 4, 2015

The Office of Energy Resources (“OER”) has requested on several occasions that National Grid notify the project owners who will be directly impacted by National Grid’s proposed “Access Fee.” On at least two occasions, including at a hearing on October 16, 2015, National Grid has represented to the Public Utilities Commission (“Commission”) that National Grid would notify the impacted project owners. As of Monday, November 2, 2015, based on representations by National Grid, it appears that project owners were not sent notice.

1. Please confirm that National Grid will either withdraw its proposed access fee in its entirety or otherwise send notice by email and regular mail by Friday, November 6th, all Distributed Generation Standard Contracts (“DGSC”) and Renewable Energy Growth (“REG”) standalone facility owners who were awarded DGSC contracts and REG tariffs between 2011 and 2015, all Net-Metered (“NM”) standalone facility owners, and all renewable energy applicants that have submitted interconnection studies to National Grid for systems that would be deemed “public entity” facilities over the past twelve (12) months, regarding the Access Fee. Any such notice should include the following:
 - a.) The Docket number that National Grid’s proposed Rate Design Filing proceedings can be located at the Commission;
 - b.) A clear and concise statement that all of the DGSC, REG and NM standalone owners may be subject to an Access Fee proposed by National Grid in its Rate Design filing before the Commission;
 - c.) National Grid’s proposed formula to assess the Access Fee to standalone distributed generation facilities for solar, wind, small hydro and anaerobic digestion; and
 - d.) A copy of National Grid’s proposed and projected Access Fee costs to the forty-four (44) distributed generation standalone facilities included and identical to what was submitted by National Grid to the Commission under *PUC 1-18, Supplemental Responses to PUC Data Request Issued on August 14, 2015*, and attached hereto as Appendix A.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4568
In Re: Review of Electric Distribution Rate Design
Pursuant to R.I. Gen. Laws § 39-26.6-24
Responses to Public Utilities Commission's First Set of Data Requests
Issued on August 14, 2015

Supplemental
PUC 1-18

Request:

Please explain how the proposed Access Fee will affect current standalone DG projects. What additional costs will each face. How many are operational? How many will be operational in the next twelve months? Please provide without any identifying customer information.

Response:

The proposed Access Fee will assure standalone DG projects pay their fair share for the use of the distribution system. Currently, these projects export all their electric production out onto the distribution system resulting in on-going operation and maintenance costs that are currently paid for by all other customers.

The table below provides the initial estimates for existing stand-alone DG projects. The Company has completed its evaluation of the capacity availability factor for solar, wind and hydro. These values are 40% for solar, 30% for wind, and 10% for hydro. The calculation for anaerobic digesters is still being evaluated, so is still estimated at 40%. These values have been inserted into the revised table below as well as an estimate of proposed DG access fee annual costs. In addition, the Company realized it had erred in the initial calculations of the Access Fee for units #4, 12, 14, 18, 20, 21, 22, 23, 38, 39, 41, and 42 and has now corrected the calculations.

Please see the Company's response to PUC 1-21 for a discussion regarding the optimum solution for pricing in this situation.

Prepared by or under the supervision of:
Peter T. Zschokke, Jeanne A. Lloyd, and Timothy R. Roughan

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Unit Identifier	Type	Nameplate kW	Primary (P) or Secondary (S) access fee	Availability Factor	Proposed DG access fee annual costs
1	Hydro	1,200	P	10%	\$7,200
2	Hydro	1,800	S	10%	\$15,660
3	Hydro	1,200	P	10%	\$7,200
4	Wind	275	S	30%	\$7,178
5	Wind	1,500	P	30%	\$27,000
6	Solar	2,000	P	40%	\$48,000
7	Solar	500	P	40%	\$12,000
8	Solar	500	P	40%	\$12,000
9	Solar	500	P	40%	\$12,000
10	Solar	2,000	P	40%	\$48,000
11	Solar	3,000	P	40%	\$72,000
12	Solar	135	S	40%	\$4,698
13	Solar	1,833	P	40%	\$43,992
14	Solar	320	S	40%	\$11,136
15	Solar	500	P	40%	\$12,000
16	Solar	500	P	40%	\$12,000
17	Solar	300	P	40%	\$7,200
18	Solar	300	S	40%	\$10,440
19	Solar	850	P	40%	\$20,400
20	Solar	128	S	40%	\$4,454
21	Solar	50	S	40%	\$1,740
22	Solar	56	S	40%	\$1,949
23	Solar	72	S	40%	\$2,506
24	Solar	499	P	40%	\$11,976
25	Solar	1,375	P	40%	\$33,000

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The table below provides the estimates for projects expected to come on-line between now and September 2017:

Name	Type	Nameplate kW	Primary (P) or Secondary (S) access fee	Availability Factor	Proposed DG access fee annual costs
26	Solar	500	P	40%	\$12,000
27	Solar	1,298	P	40%	\$31,152
28	Solar	498	P	40%	\$11,952
29	Solar	110	S	40%	\$3,828
30	Solar	1,246	P	40%	\$29,904
31	Solar	895	P	40%	\$21,480
32	Anaerobic Dig	500	P	40%	\$12,000
33	Solar	1,250	P	40%	\$30,000
34	Solar	1,250	P	40%	\$30,000
35	Solar	1,246	P	40%	\$29,904
36	Solar	1,242	P	40%	\$29,808
37	Solar	1,043	P	40%	\$25,032
38	Solar	500	P	40%	\$12,000
39	Solar	500	P	40%	\$12,000
40	Solar	499	P	40%	\$11,976
41	Solar	270	S	40%	\$9,396
42	Solar	173	S	40%	\$6,020
43	Wind	1,500	P	30%	\$27,000
44	Wind	1,500	P	30%	\$27,000

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